



Serial Number 10/777,160
Navy Case No. 96,106
Preliminary Amendment for divisional patent application

AMENDMENTS TO THE CLAIMS

This listing of claims will replace all prior versions and listings of claims in the application.

Claims 1-9 (canceled)

Claim 10 (new): A method of processing incoming wastewater comprising the steps of: heating the wastewater to temperatures of about 175°F; passing the heated wastewater through an entry orifice within a flash chamber for conversion into vapor and contaminate portions during a single evaporation stage; withdrawing the contaminate portion from the flash chamber for storage as waste; withdrawing the vapor portion from the flash chamber for cooling and collection thereof as a condensate distillate; and discharging the condensate distillate upon said collection thereof exceeding a predetermined distillate level.

Claim 11 (new): A method for processing incoming wastewater onboard a sea vessel, comprising the steps of: preheating the wastewater; passing the wastewater after said preheating thereof into a flash chamber for conversion into water vapor with contaminate portions therein; filtering the water vapor portion while rising within the flash chamber for separation thereof from the contaminate portion collected within the flash chamber as a liquefied contaminated condensate below the rising water vapor portion; cooling the rising water vapor portion after said filtering thereof for overboard

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discharge from the flash chamber as a contaminate free condensate; and withdrawing the contaminated condensate from the flash chamber for onboard storage.

Claim 12 (new): The method as defined in claim 11, wherein said preheating of the wastewater effects a rise in temperature thereof to approximately 175°F.